

# FILE NOTATIONS

Entered in NID File \_\_\_\_\_  
 Entered On S R Sheet \_\_\_\_\_  
 Location Map Pinned \_\_\_\_\_  
 Card Indexed \_\_\_\_\_  
 IWR for State or Fee Land \_\_\_\_\_

Checked by Chief \_\_\_\_\_  
 Copy NID to Field Office \_\_\_\_\_  
 Approval Letter \_\_\_\_\_  
 Disapproval Letter \_\_\_\_\_

## COMPLETION DATA:

Date Well Completed 12-4-57

Location Inspected \_\_\_\_\_

GW \_\_\_\_\_ WW \_\_\_\_\_ TA \_\_\_\_\_

Bond released \_\_\_\_\_

GW \_\_\_\_\_ OS \_\_\_\_\_ PA X

State of Fee Land \_\_\_\_\_

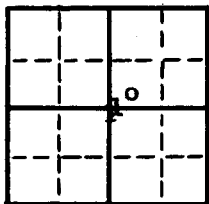
## LOGS FILED

Driller's Log 12-11-57

Electric Logs (No. ) 2

E ✓ L \_\_\_\_\_ E-I \_\_\_\_\_ GR \_\_\_\_\_ GR-N \_\_\_\_\_ Micro ✓

Lat \_\_\_\_\_ MI-L \_\_\_\_\_ Sonic \_\_\_\_\_ Others \_\_\_\_\_



**STATE OF UTAH**  
**OIL & GAS CONSERVATION COMMISSION**

STATE CAPITOL BUILDING  
 SALT LAKE CITY 14, UTAH

Fee and Patented.....☐  
 State .....☐  
 Lease No. ....  
 Public Domain .....☒  
 Lease No. Utah-010429  
 Indian .....☐  
 Lease No. ....

## SUNDRY NOTICES AND REPORTS ON WELLS

Notice of Intention to Drill..... Notice of Intention to Change Plans..... Notice of Intention to Redrill or Repair..... Notice of Intention to Pull or Alter Casing..... Notice of Intention to Abandon Well..... ..... .....	XX       	Subsequent Report of Water Shut-off..... Subsequent Report of Altering Casing..... Subsequent Report of Redrilling or Repair..... Supplementary Well History..... ..... .....
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(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

November 4, 1957

Well No. #1 Gov't is located 2970 ft. from {N} line and 2310 ft. from {E} line of Sec. 1

SW SW NE Sec. 1 T6S R23E (Meridian)  
(¼ Sec. and Sec. No.) (Twp.) (Range)

Wildcat Uintah Utah  
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 5100 feet. GR.

A drilling and plugging bond has been filed with .....

### DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important work, surface formation, and date anticipate spudding-in.)

We propose to drill this well with rotary tools to a depth of 2500 feet sufficient to test the Weber Formation.

Approximately 100 ft. of 10-3/4" Surface casing will be run and cemented with 100 sax.

I understand that this plan of work must receive approval in writing by the Commission before operations may be commenced.

Company. UTAH SOUTHERN OIL COMPANY

Address. 901 Utah Oil Building  
 Salt Lake City, Utah

By *George T. Hansen, Jr.*  
 Title Vice President - Operations

**INSTRUCTIONS:** A plat or map must be attached to this form showing the location of all leases, property lines, drilling and producing wells, within an area of sufficient size so that the Commission may determine whether the location of the well conforms to applicable rules, regulations and orders.

[illegible]

SEC. 1, T6S, R23E,  
SALT LAKE BASE & MERIDIAN  
UINTAH COUNTY, UTAH

This property lies  
5 mi. SE. of Jensen, Utah

*A. W. Chase*

By: Ross Construction Co.  
Vernal, Utah

PARTY Wilson Marshall  
Paul Smith

WEATHER *For* *Cool*

Utah Southern Oil Co.'s Well, located  
1228' from north line & 2280' from east  
line Sec. 1, T 6 S, R 23 E, SL Base &  
Meridian, Uintah County, Utah

## REFERENCES

## REFERENCES

FILE Mark Southworth

November 6, 1957

Utah Southern Oil Company  
901 Utah Oil Building  
Salt Lake City, Utah

Attn: George T. Hansen, Vice President

Gentlemen:

This is to acknowledge receipt of your notice of intention to drill Well No. 1 Gov't, which is to be located 2970 feet from the south line and 2310 feet from the east line of Section 1, Township 6 South, Range 23 East, SEPM, Uintah County, Utah.

The proposed location of this well does not comply with Rule C-3(b), General Rules and Regulations and Rules of Practice and Procedure, Utah Oil and Gas Conservation Commission; nor has information been furnished for an unorthodox location as required by Rule C-3(c) of said rules and regulations.

Before approval can be given for drilling this well, it will be necessary for you to file a new notice of intention to drill in compliance with Rule C-3(b), or if an unorthodox location is necessary, a request for such spacing must be made as required by Rule C-3(c).

Also, a plat of map must be furnished this Commission as provided for in Rule C-4.

A copy of our revised rules and regulations is inclosed for your convenience.

Yours very truly,

OIL & GAS CONSERVATION COMMISSION

CLEON B. FEIGHT  
SECRETARY

CBF:en

cc: Don Russell, Dist Eng  
UGCS, Fed Bldg  
City

*Noted  
CCH  
11-6-57*

X

# UTAH SOUTHERN OIL COMPANY

UTAH OIL BUILDING

SALT LAKE CITY 1, UTAH

November 8, 1957

GEORGE T. HANSEN, JR.  
VICE PRESIDENT - OPERATIONS

Re: Notice of Intention  
#1 Government Well  
Sec.1, T6S, R23E.  
Uintah County, Utah

Em 4-5669

State of Utah  
Oil & Gas Conservation Comm.  
State Capitol Building  
Salt Lake City, Utah

Attention: Mr. Cleon B. Feight  
Secretary

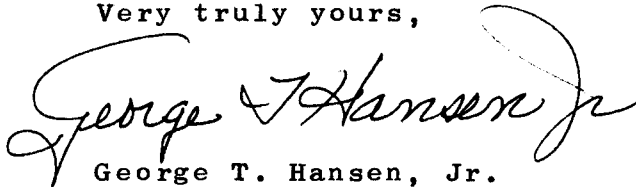
Gentlemen:

Reference is made to your letter of November 6 regarding the above captioned well which you advise has been ruled an unorthodox location. Under Rule C-3(c) we hereby request authorization for drilling this location due to the following conditions:

- a. This location was necessitated due to the proximity of Hiway 40 together with adjacent high power lines which cross this lease from east to west. We were obliged to locate the well in this location in order to comply with the Right-of-way requirements of the State Road Commission.
- b. As per the enclosed plat, all of the adjacent leases are owned by the United States Government and the location, as applied for, would not be in conflict with their regulations.

We further request that immediate attention and consideration be given to this request since we are facing a November 14th drilling deadline, and in order to retain the lease, must move equipment on the location before that date.

Very truly yours,

  
George T. Hansen, Jr.

GTHjr:rn

cc: Don Russell, Dist.Eng.

Township....., Range....., County....., State.....

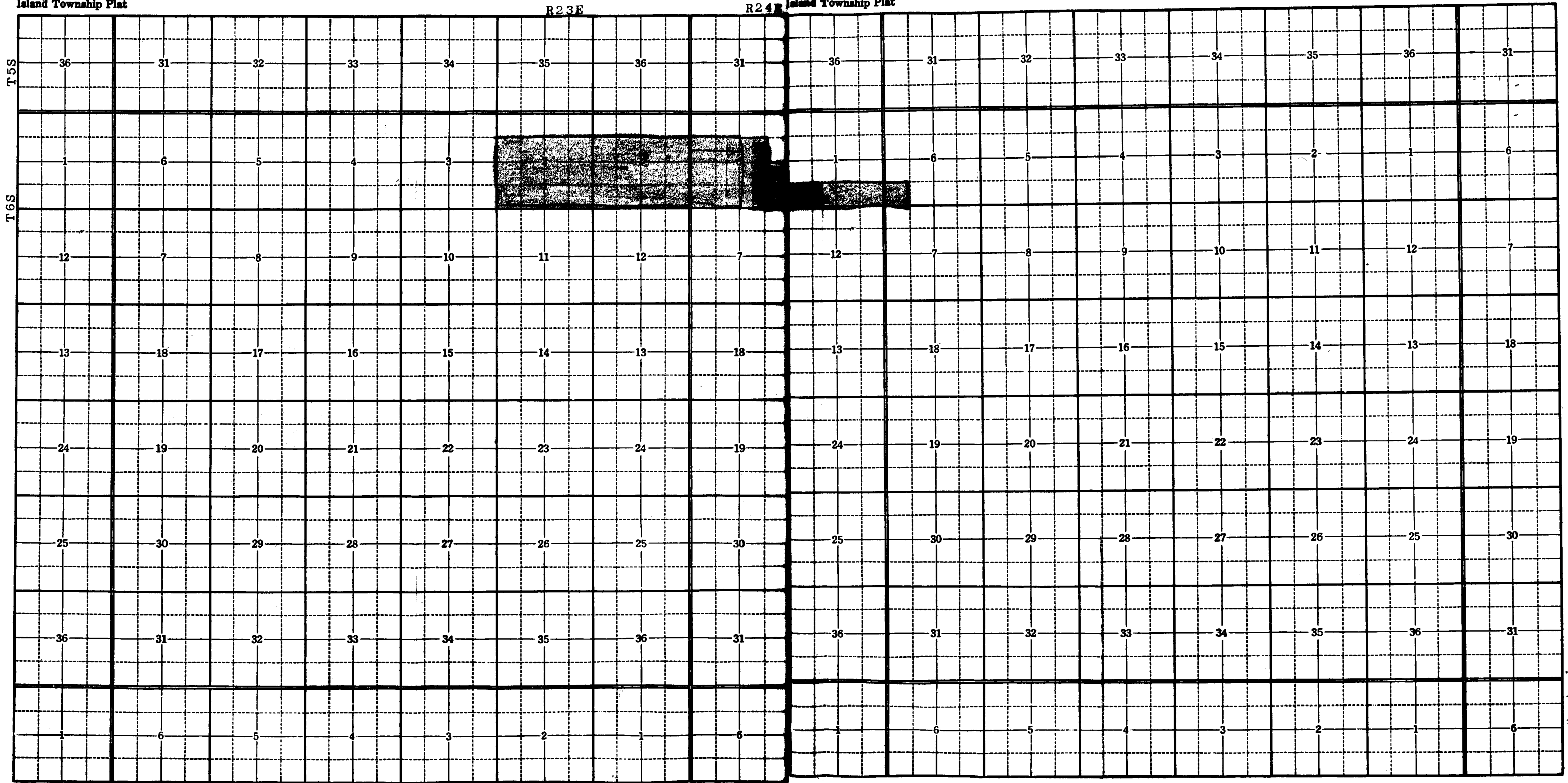
Township....., Range....., County....., State.....

Island Township Plat

Island Township Plat

R23E

R24E



FOR SALE BY ALLSTEEL OFFICE SUPPLY CO.  
NO. 8935 SALT LAKE CITY, UTAH

Federal Acreage  
leased by Utah  
Southern Oil Co.

FOR SALE BY ALLSTEEL OFFICE SUPPLY CO.  
NO. 8935 SALT LAKE CITY, UTAH

ROUTE TICKET

FORM 9 3-58

PLEASE HANDLE	
PLEASE APPROVE	
PLEASE NOTE AND RETURN	
FOR YOUR INFORMATION	
PLEASE SEE ME	
PLEASE ADVISE	
YOUR FILE	X

TO

310 Newhouse Bldg FLOOR NO.

REMARKS:

SALT Lake City 2 Utah  
Please note location move  
to 150' East. And use of copy  
NAME change  
Paul W. Buichell  
B. Deason

FROM

DATE

TO - 'th Oil & Gas Consortium FLOOR NO. Come  
TO Attn Paul W. Buichell FLOOR NO.

Jack,

Darwin Quigley, geologist,  
for Utah Southern will get  
supplementary report with surveyors  
plat to substantiate off (10 acre)  
location - within next day or two

Then we should be able to approve.

C has

11/12/57.

Jack —

11/13/57 Don said he would require 150' of  
conductor casing - not 100' as indicated.

From the attached Utah Southern Survey Plat  
I believe, and so recommend, adequate justification  
is presented to allow approval of exception Appln  
C has. H.



November 13, 1957

Utah Southern Oil Company  
901 Utah Oil Building  
Salt Lake City, Utah

Attention: George T. Hansen, Jr.

Gentlemen:

Please be advised that approval to drill Well No. Gov't 1, 2970 feet from the south line and 2310 feet from the east line of Section 1, Township 6 South, Range 23 East, S1EM, Uintah County, Utah, is hereby granted.

This approval terminates within 90 days if the above mentioned well is not spudded in within said period.

Yours very truly,

OIL & GAS CONSERVATION COMMISSION

OLEON B. FREIGHT  
SECRETARY

ORF:en

cc: Don Russell,  
District Engineer  
U.S.G.S. Federal Bldg.  
Salt Lake City, Utah

STATE OF UTAH  
OIL AND GAS CONSERVATION COMMISSIONNoted  
1-7-58  
HAFFIDAVIT AND RECORD OF ABANDONMENT AND PLUGGING

PLUGGING METHODS AND PROCEDURE: -- The method and procedure for plugging a well shall be as follows:

- (a) The bottom of the hole shall be filled to, or a bridge shall be placed at the top of each producing formation open to the well bore, and in either event, a cement plug not less than fifty (50) feet in length shall be placed immediately above each producing formation open to the well bore whenever possible.
- (b) A cement plug not less than fifty (50) feet in length shall be placed at approximately fifty (50) feet above and below all fresh water bearing strata.
- (c) A plug shall be placed at or near the surface of the ground in each hole.
- (d) The interval between plugs shall be filled with heavy mud laden fluid.
- (e) The hole shall be plugged with heavy mud up to the base of the surface string at which point a plug of not less than fifty (50) feet of cement shall be placed.

Field or Pool Cliff Creek County Uintah  
 Lease Name U - 010429 Well No. 1 Sec. 1 Twp 6S R. 23E  
 Date Well was plugged: December 4, 1957.

Was the well plugged according to regulation of the Commission: Yes

Set out method used in plugging the well, the nature and quantities of materials used in plugging, size of plugs, location and extent (by depths) of the plugs of different materials, and the amount of casing left in hole, (giving size, top and bottom elevations of each section of abandoned casing.)

<u>50 sx cement at 2050'</u>	<u>Fill up - 2-1/2' per sx.</u>
<u>40 sx cement at 520'</u>	<u>Fill up - 2-1/2' per sx.</u>
<u>40 sx cement at 260'</u>	<u>Fill up - 2-1/2' per sx.</u>
<u>10 sx cement at top surface - Erected marker</u>	
<u>Top of casing 1' below G.L. - Bottom 158' 10-3/4" pipe</u>	

Operator Utah Southern Oil Company  
 Address 901 Utah Oil Bldg.  
Salt Lake City, Utah

AFFIDAVIT

STATE OF UTAH

COUNTY OF Salt Lake

Before me, the undersigned authority, on this day personally appeared William C. King, known to me to be the person whose name is subscribed to the above instrument, who being by me duly sworn on oath states that he is authorized to make this report and has knowledge of the facts stated herein and that said report is true and correct.

Subscribed and sworn to before me this 9th day of December, 1957.

My Commission Expires:

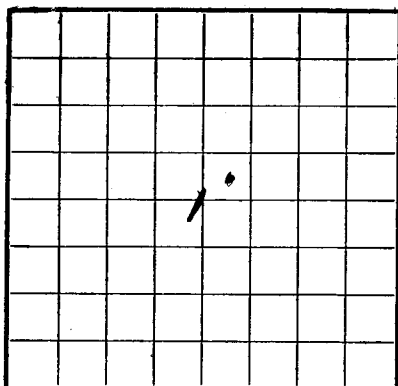
10-8-61

Robert A. Nielsen  
 NOTARY PUBLIC

INSTRUCTIONS: Complete this form in duplicate and mail both copies to the Oil & Gas Conservation Commission, Room 140, State Capitol Building, Salt Lake City, Utah.

w/

7



LOCATE WELL CORRECTLY

# STATE OF UTAH OIL & GAS CONSERVATION COMMISSION

State Capitol Building  
Salt Lake City 14, Utah

*Noted #*  
*1-7-58*

To be kept Confidential until \_\_\_\_\_  
(Not to exceed 4 months after filing date)

## LOG OF OIL OR GAS WELL

Operating Company Utah Southern Oil Co. Address 901 Utah Oil Building  
Lease or Tract: U. S. Government Field Cliff Creek State Utah  
Well No. 1 Sec. 1 T. 6S R. 23E Meridian SLBM County Uintah  
Location 1228 ft. {N.} of N. Line and 2280 ft. {K.} of E. Line of Sec. 1 Elevation 5169 KB  
(Derrick floor relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Signed \_\_\_\_\_

*Bill Hing*Date Dec. 9, 1957Title Drilling Superintendent

The summary on this page is for the condition of the well at above date.

Commenced drilling Nov. 14, 1957, 1957. Finished drilling Dec. 4, 1957

### OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from \_\_\_\_\_ to \_\_\_\_\_ No. 4, from \_\_\_\_\_ to \_\_\_\_\_  
No. 2, from \_\_\_\_\_ to \_\_\_\_\_ No. 5, from \_\_\_\_\_ to \_\_\_\_\_  
No. 3, from \_\_\_\_\_ to \_\_\_\_\_ No. 6, from \_\_\_\_\_ to \_\_\_\_\_

### IMPORTANT WATER SANDS

No. 1, from 2065 to 2252 No. 3, from \_\_\_\_\_ to \_\_\_\_\_  
No. 2, from \_\_\_\_\_ to \_\_\_\_\_ No. 4, from \_\_\_\_\_ to \_\_\_\_\_

### CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
10-3/4	32.75	8	J55	158	HAL				Surface

### MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-3/4	158	200	Halk.		

W  
MARK

## PLUGS AND ADAPTERS

Heaving plug—Material ..... Length ..... Depth set .....

Adapters—Material ..... Size .....

## SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

## TOOLS USED

Rotary tools were used from ..... 0 ..... feet to ..... 2252 ..... feet, and from ..... feet to ..... feet

Cable tools were used from ..... feet to ..... feet, and from ..... feet to ..... feet

## DATES

....., 19..... Put to producing ....., 19.....

The production for the first 24 hours was ..... barrels of fluid of which .....% was oil; .....% emulsion; .....% water; and .....% sediment. Gravity, °Bé. ....

If gas well, cu. ft. per 24 hours ..... Gallons gasoline per 1,000 cu. ft. of gas .....

Rock pressure, lbs. per sq. in. ....

*P + a Dry, see reverse side*

## EMPLOYEES

J. O. Franks (Pusher) ....., Driller B. Lynch ....., Driller

L. H. West ....., Driller G. F. Cain ....., Driller

## FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	258	258	Curtis
258	380	122	Entrada
380	477	97	Carmel
477	1146	669	Navajo
1146	1300	154	Chinle
1300	1413	113	Shinarump Zone
1325	1344	19	(Shinarump sand)
1413	1939	526	Moenkop
1939	2065	126	Phosphoria
2065	2252	187	Weber

[OVER]

### HISTORY OF OIL OR GAS WELL

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "sidetracked" or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

CORE #1 2093-2113' - Rec. 9' of sand, gr, f-mg, fairly well sorted. Very slightly saturated w/tar (dead oil)

DST #1 1596-1626' - T.O. 1 hr. SI 1/2 hr. Rec. 1 gal. mud. FP 0-0, SI 0, HP 790-770

DST #2 1785-1810' - T.O. 1 hr. , SI 1/2 hr. Rec. 5' mud. FP 0-0, SI 0 HP 950-925'.

DST #3 2060-2113' - T.O. 33 min. SI 30 min. Rec. water in 12 min. (150 bbls./hr. thru 1" choke) FP 485-896, SI 982, HP 1048-1024

#### Plugging Procedures:

Set 50 sx cement @ 2050

40 sx cement @ 520

40 sx cement @ 260

10 sx cement @ top surface and marker

Filled pits - leveled location 12-7-57